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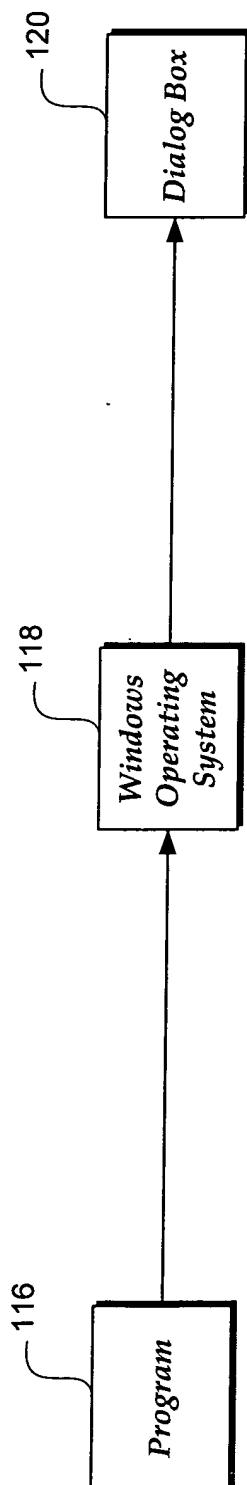


Fig.1A.

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Fig.1B.

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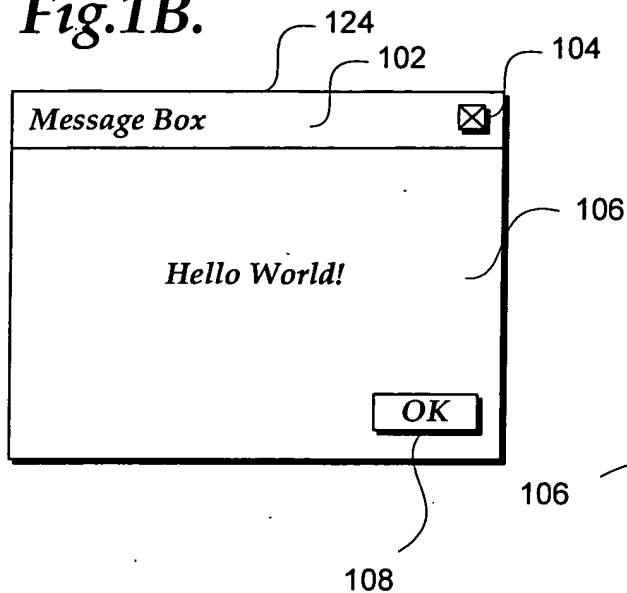


Fig.1C.

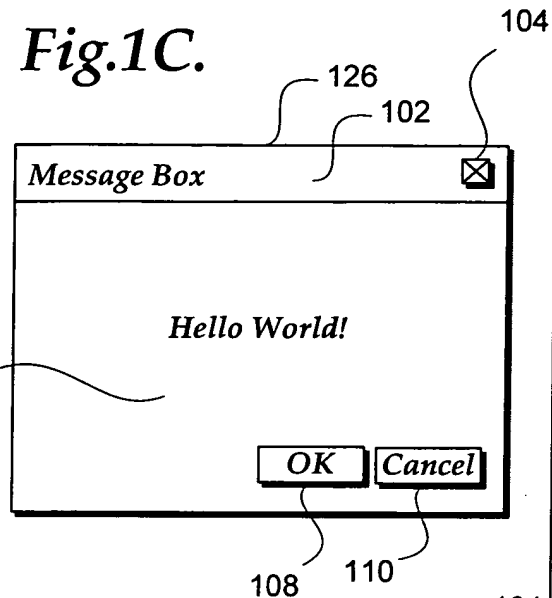


Fig.1D.

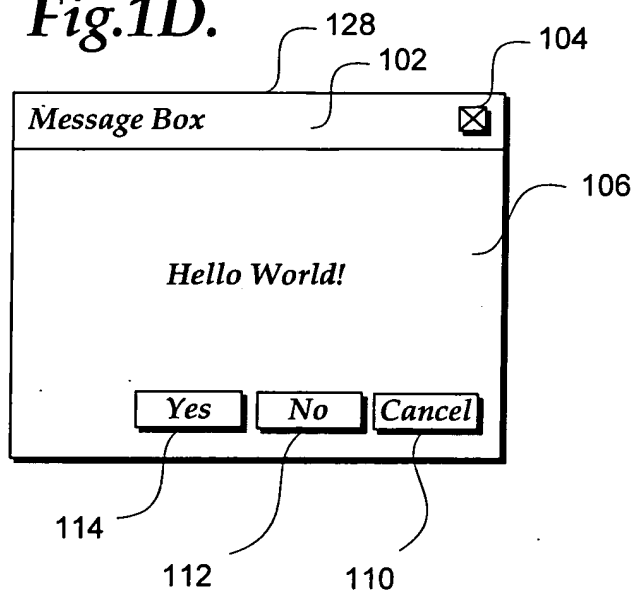


Fig.1E.

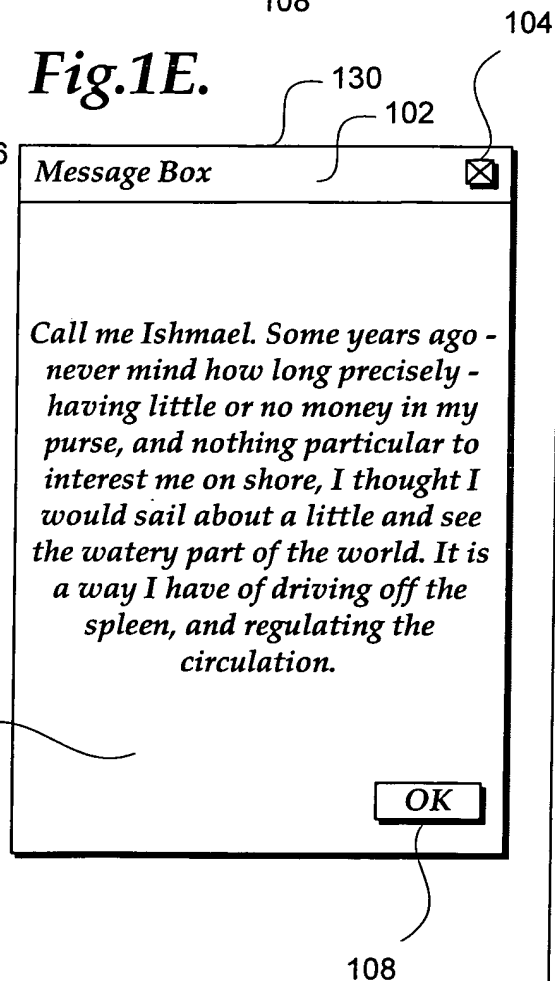


Fig. 2 is a block diagram of a computer system architecture. The system is divided into several main functional blocks:

- SYSTEM MEMORY (ROM) 231:** Contains BIOS 233, (RAM) 232, OPERATING SYSTEM 234, APPLICATION PROGRAMS 235, OTHER PROGRAM MODULES 236, and PROGRAM DATA 237.
- PROCESSING UNIT 220:** Connected to the SYSTEM MEMORY (ROM) 231 via a SYSTEM BUS 221.
- INPUT/OUTPUT PERIPHERAL INTERFACE 295:** Connected to the SYSTEM BUS 221 and manages external devices: MONITOR 291, PRINTER 296, SPEAKERS 297, and MODEM 272.
- VIDEO INTERFACE 290:** Connected to the SYSTEM BUS 221 and the MONITOR 291.
- USER INPUT INTERFACE 260:** Connected to the SYSTEM BUS 221 and a mouse 261.
- REMOVABLE NON-VOL. MEMORY INTERFACE 250:** Connected to the SYSTEM BUS 221 and manages removable storage devices: 251, 252, 253, 254, 255, and 256.
- NON-REMOVABLE NON-VOLUME MEMORY INTERFACE 240:** Connected to the SYSTEM BUS 221 and manages non-removable storage: 241 and 242.
- NETWORK INTERFACE 270:** Connected to the SYSTEM BUS 221 and manages network connections: LOCAL AREA NETWORK 271 and WIDE AREA NETWORK 273.
- REMOTE COMPUTER 280:** Connected to the WIDE AREA NETWORK 273 and manages REMOTE APPLICATION PROGRAMS 285.
- LOCAL AREA NETWORK 271:** Connected to the NETWORK INTERFACE 270 and manages REMOTE APPLICATION PROGRAMS 285.
- REMOTE APPLICATION PROGRAMS 285:** Connected to the LOCAL AREA NETWORK 271 and manages REMOTE APPLICATION PROGRAMS 285.

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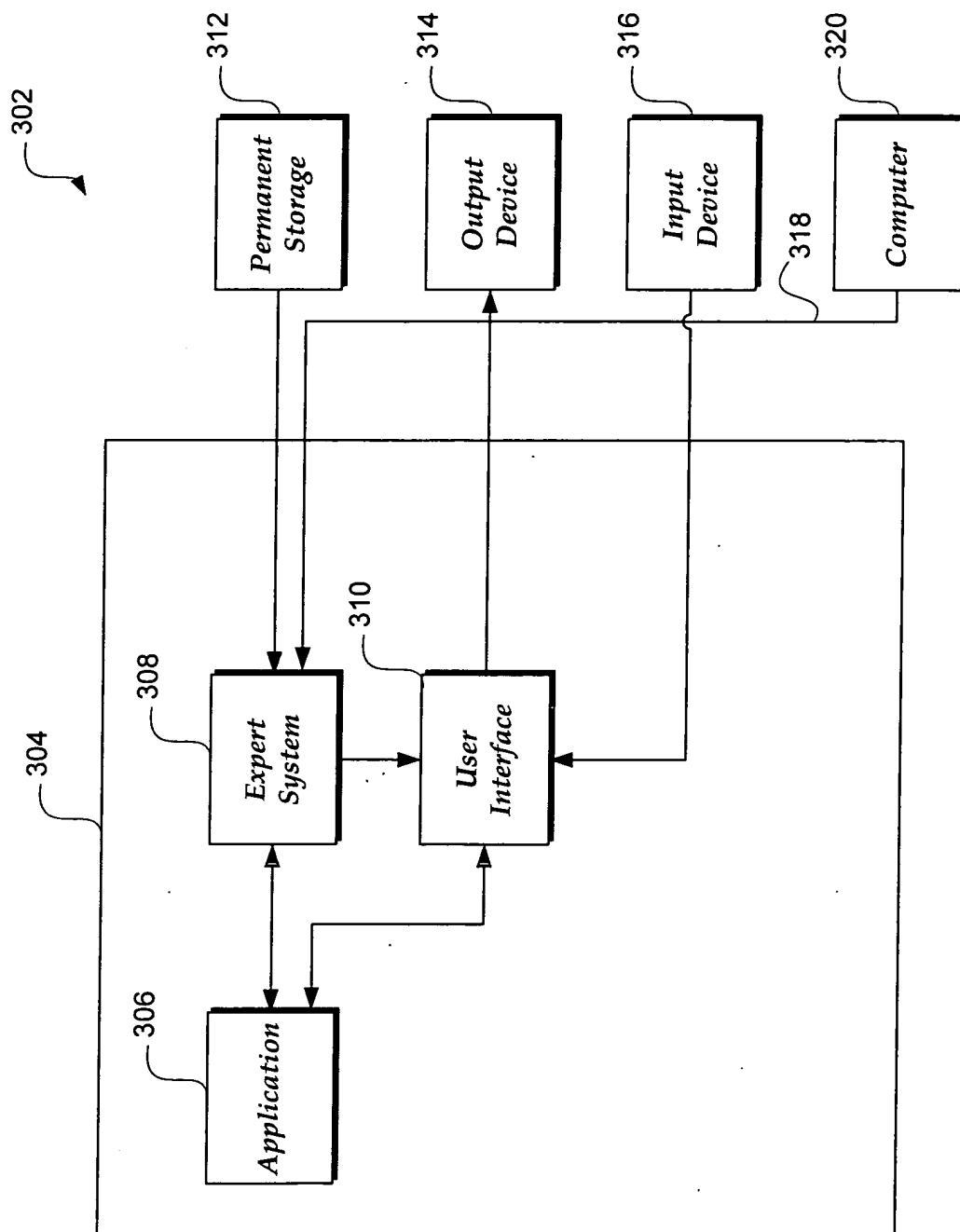


Fig.3A.

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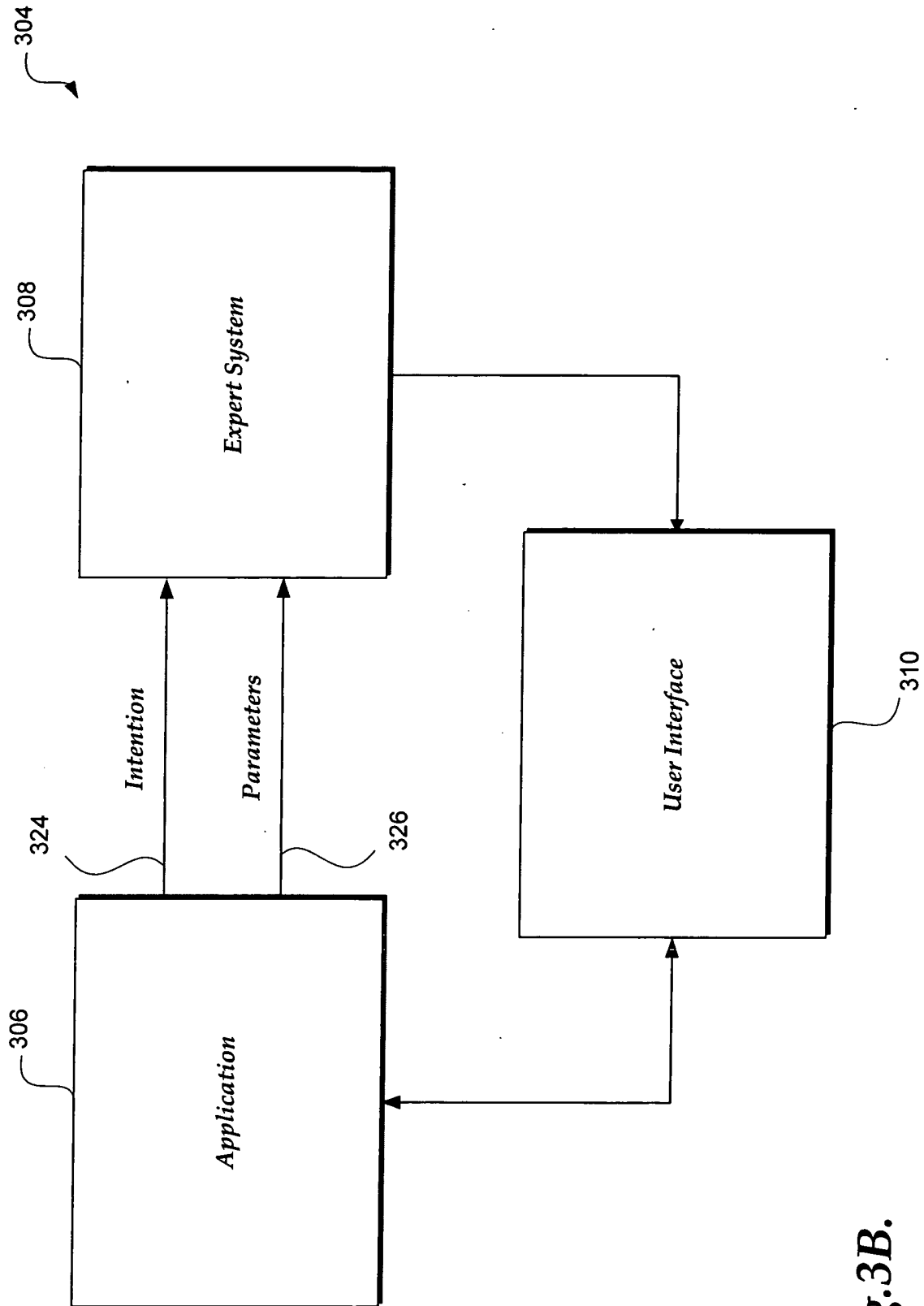
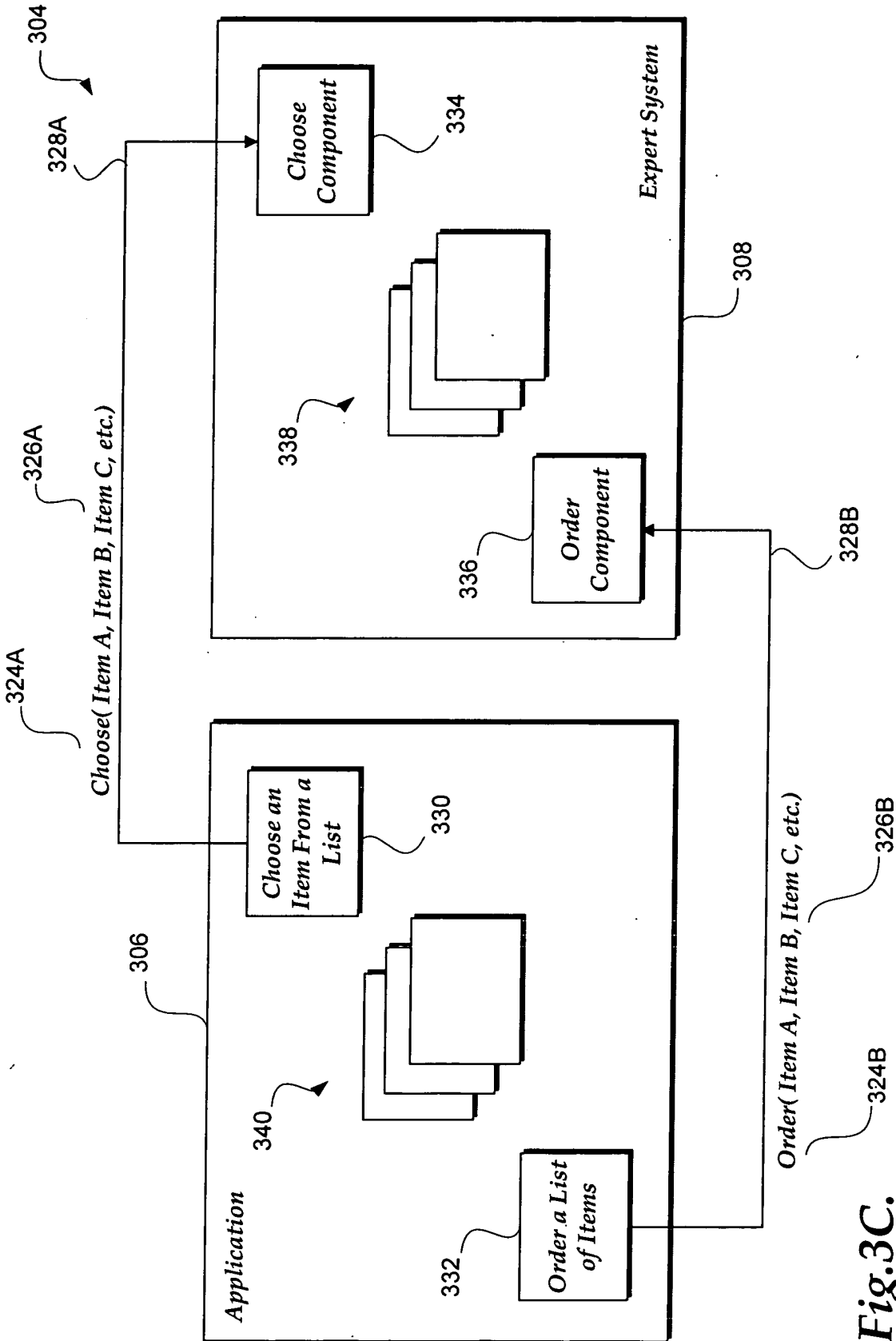


Fig.3B.

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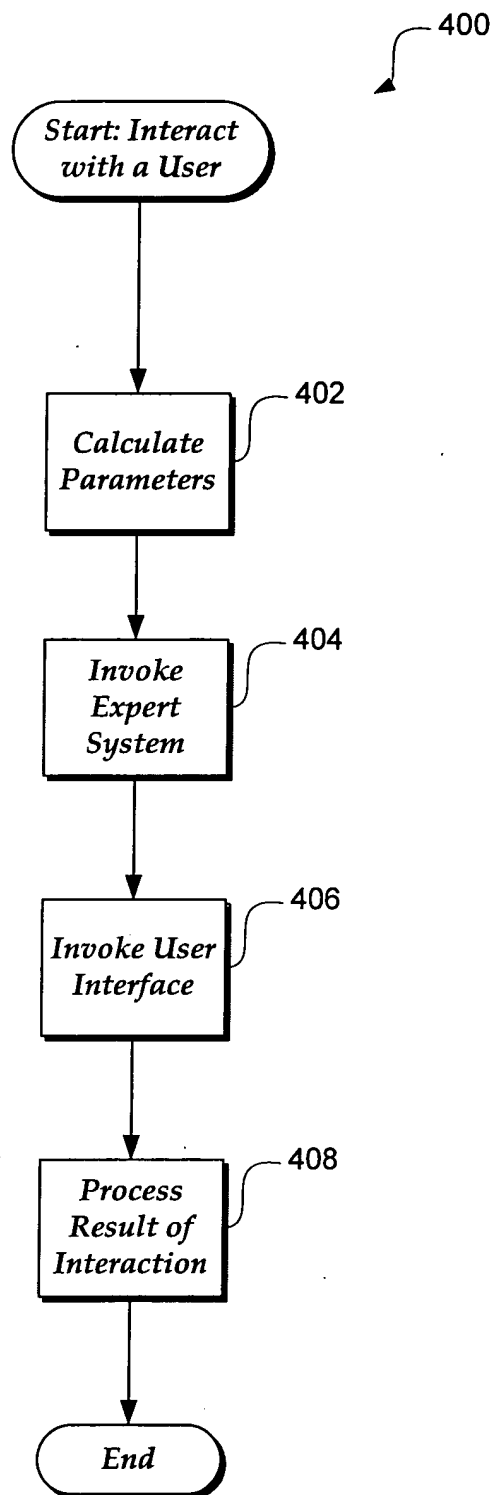


Fig.4.

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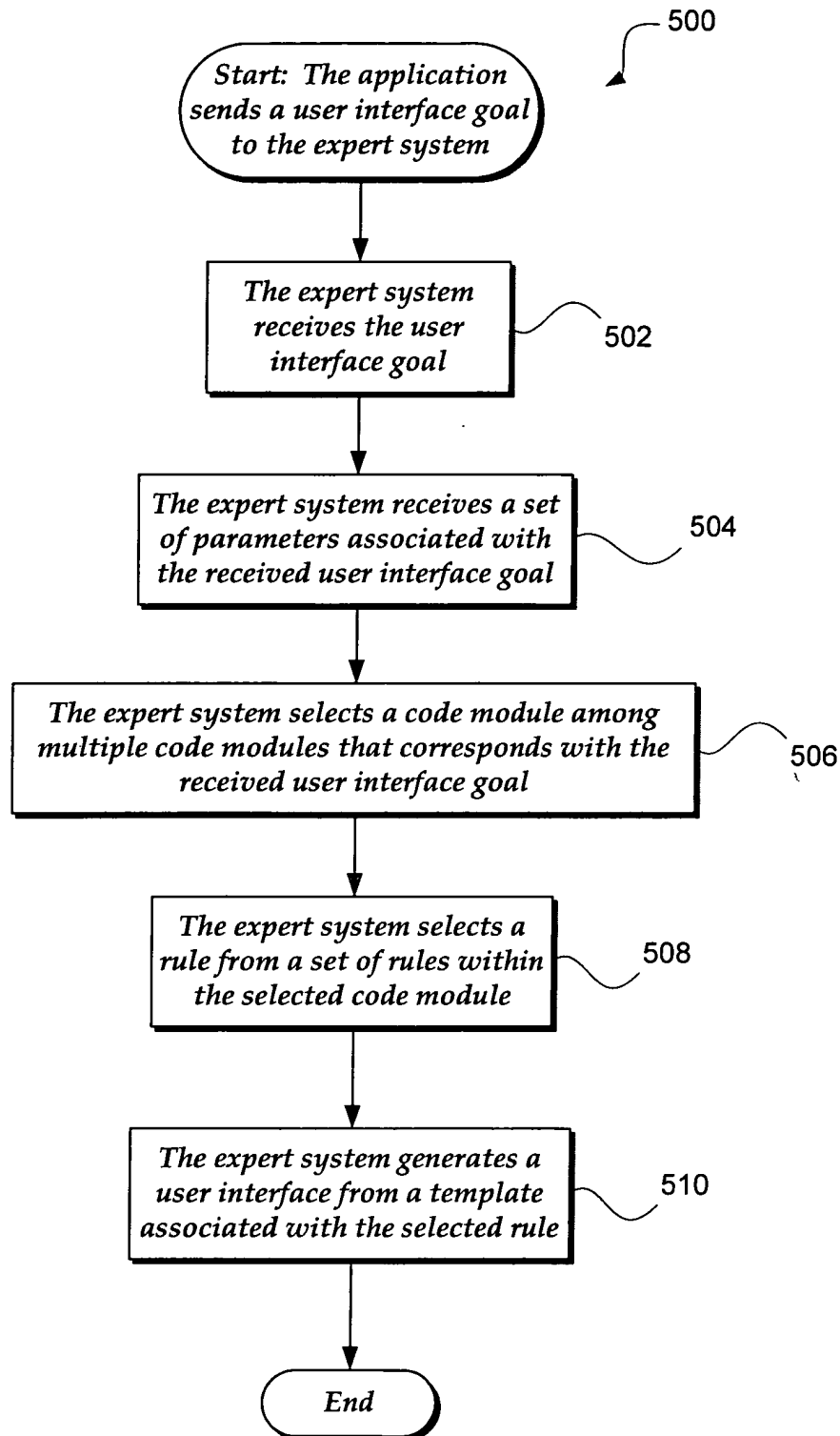


Fig.5.

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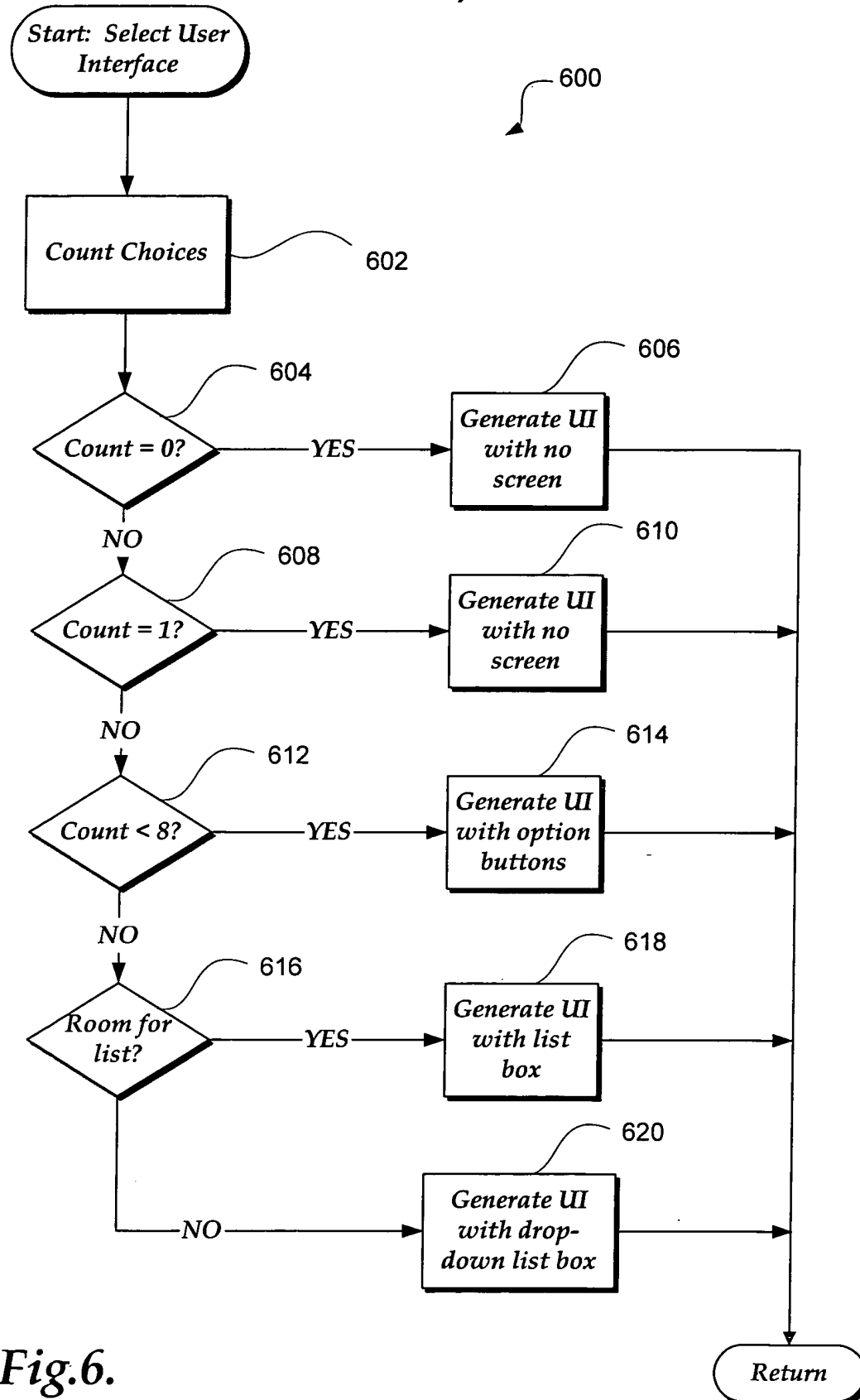


Fig.6.

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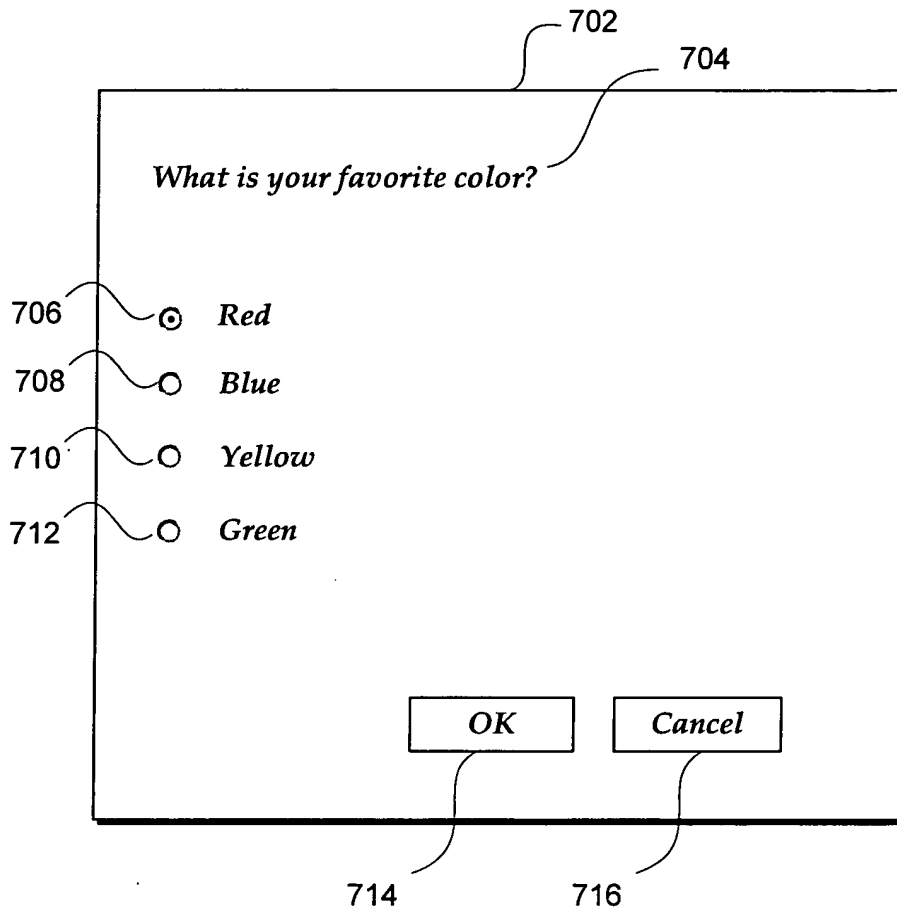


Fig.7.

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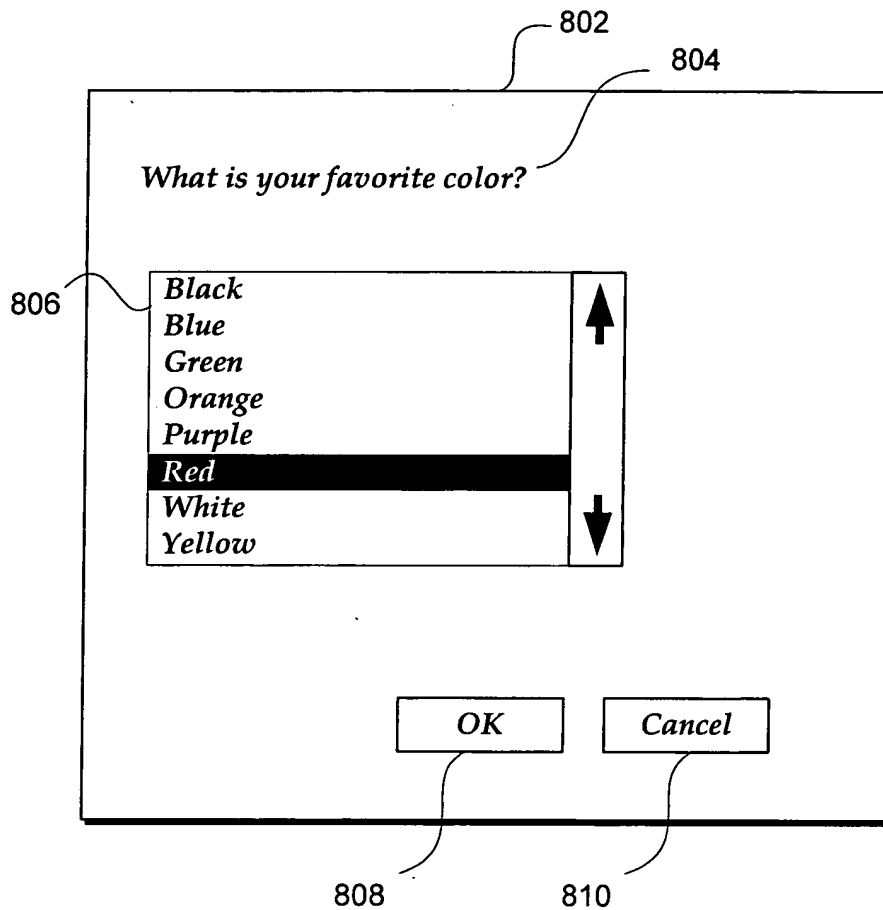


Fig.8.

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Fig.9A.

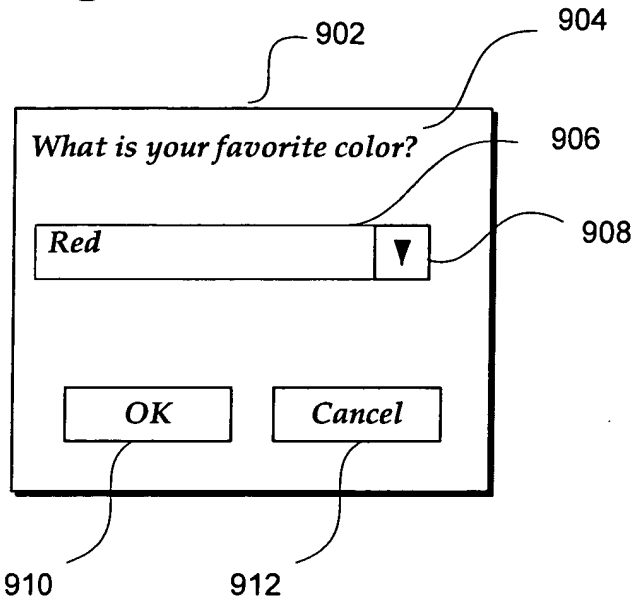


Fig.9B.

